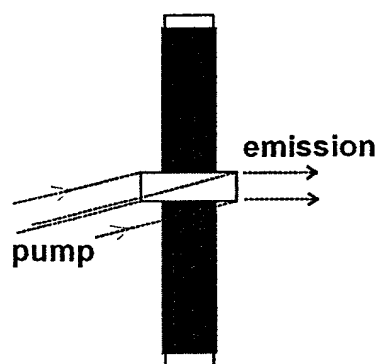


Fig. 1

a



b

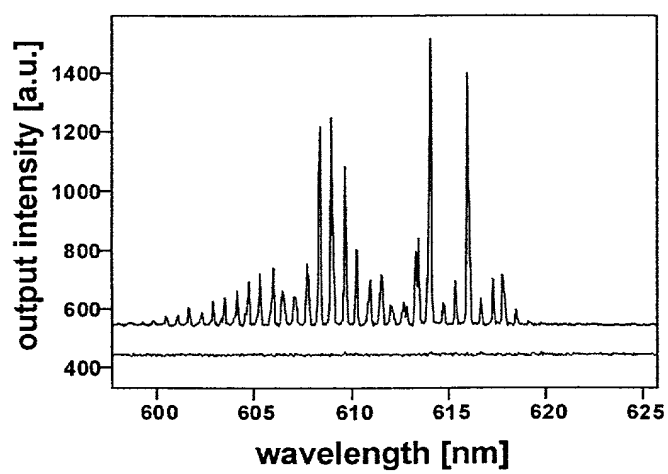
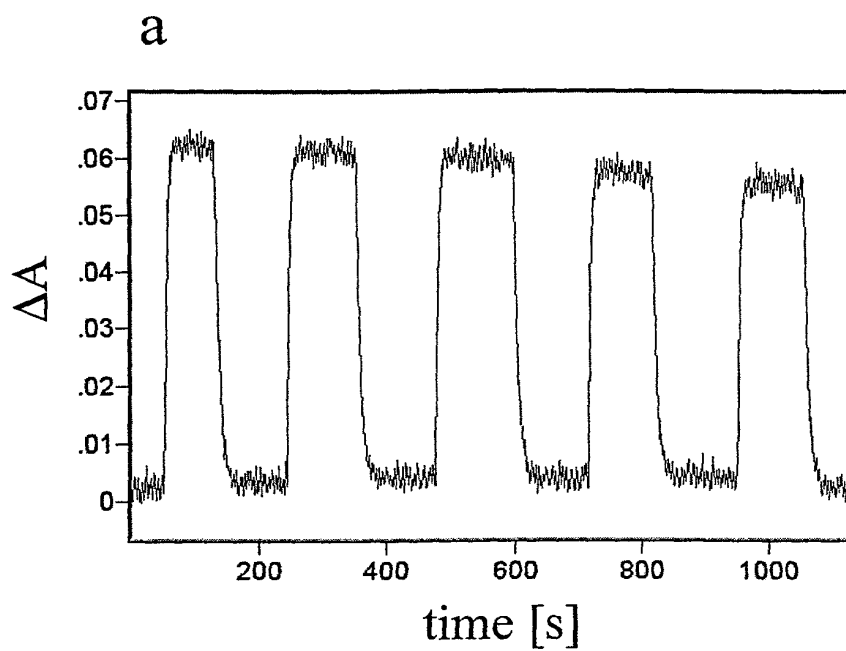
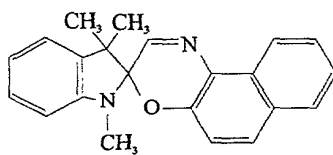


Fig. 2



b



1,3-Dihydro-1,3,3-trimethylspiro[2*H*-indole-2,3'-[3*H*]naphth[2,1-*b*][1,4]oxazine]

Fig. 3

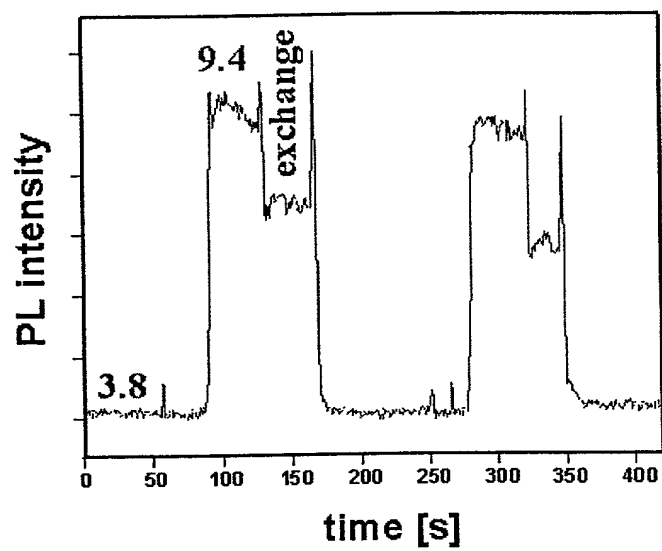


Fig. 4

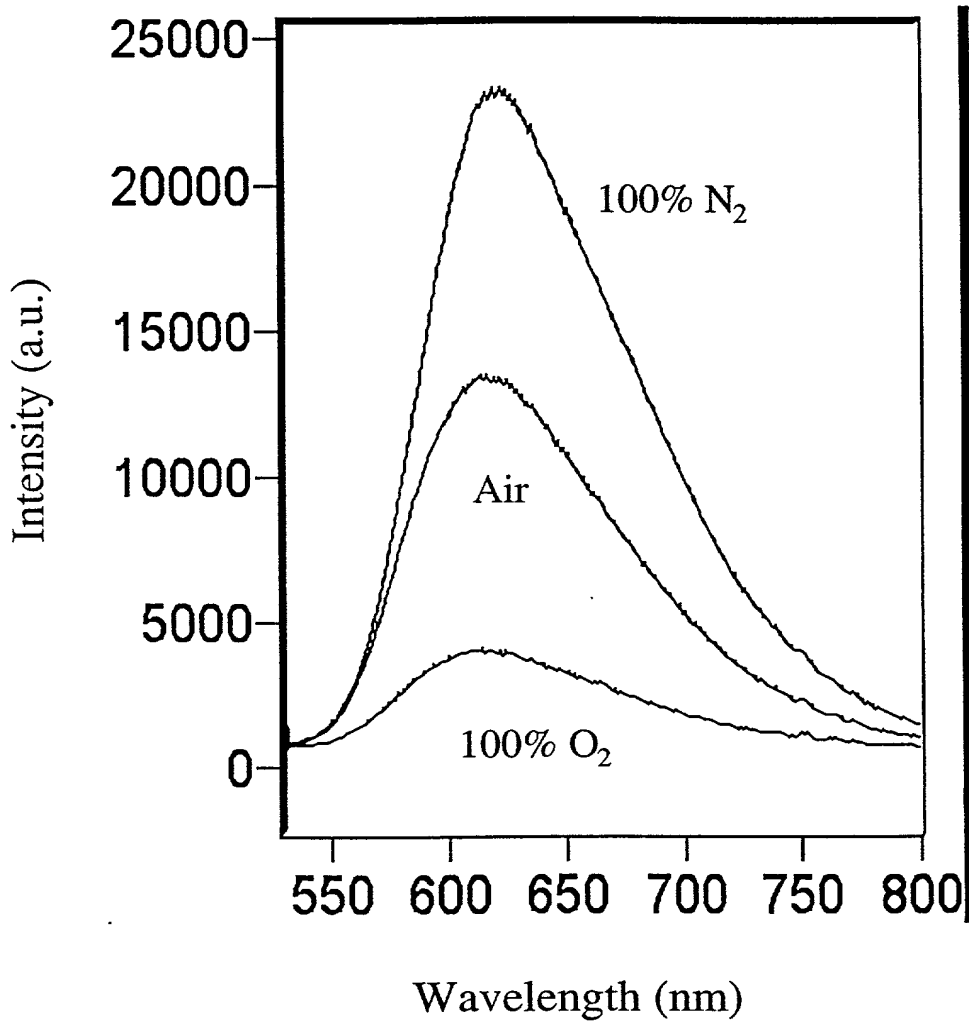
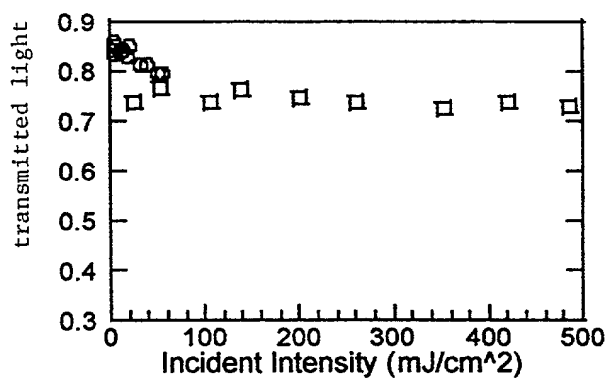
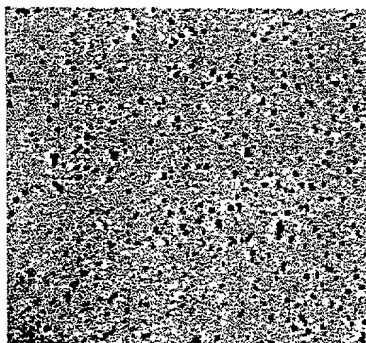


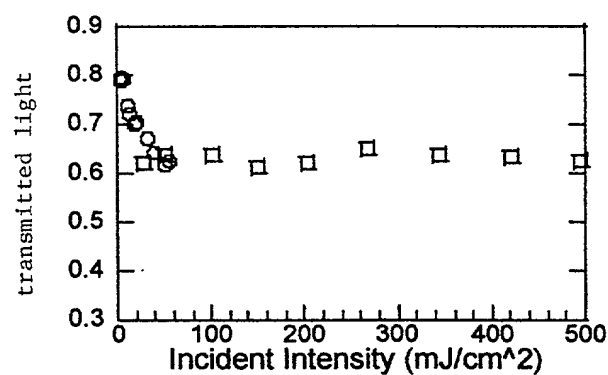
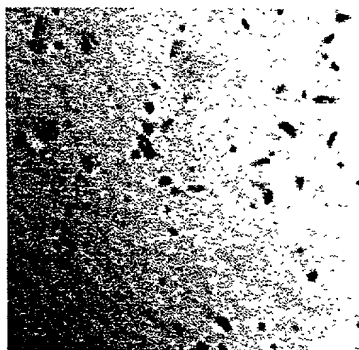
Fig. 5

# Optical Limiting in Porphyrin-Doped Composites

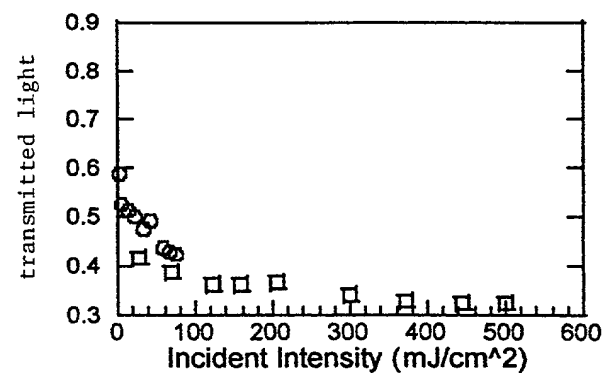
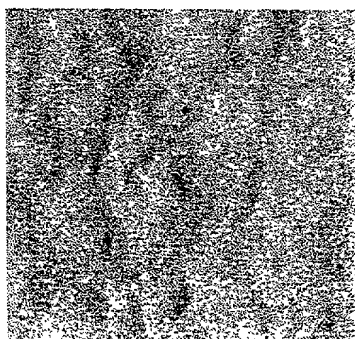
0 wt% F127, [TPP] =  $2 \times 10^{-3}$  Molar



50 wt% F127



60 wt% F127



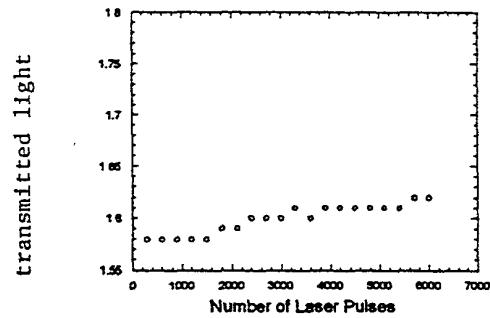
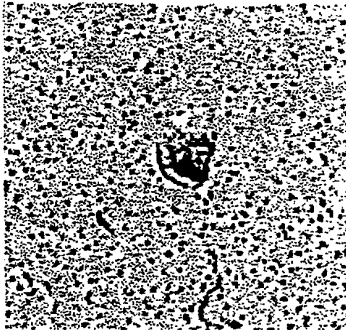
~2 mm

Fig. 6a

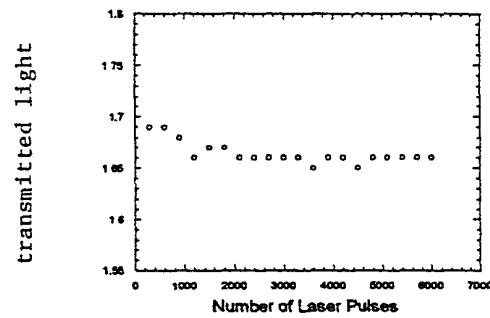
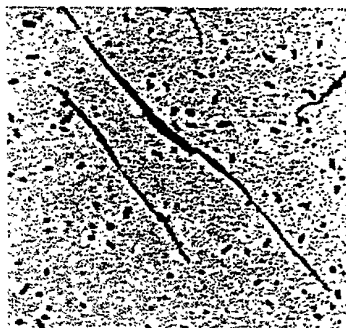
# Damage Thresholds

498 mJ/cm<sup>2</sup> per pulse at 532nm

0 wt% F127



50 wt% F127



60 wt% F127

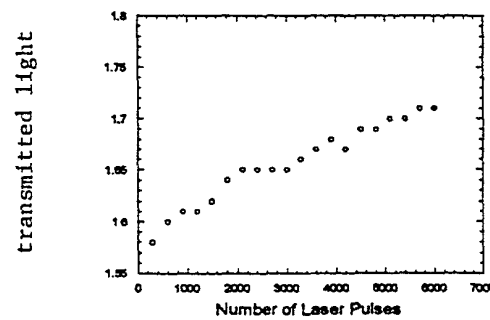
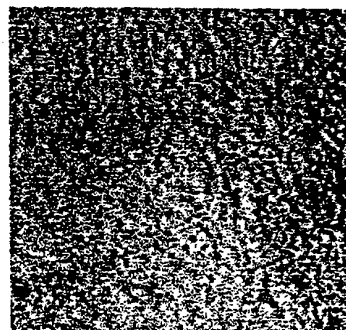


Fig. 6b

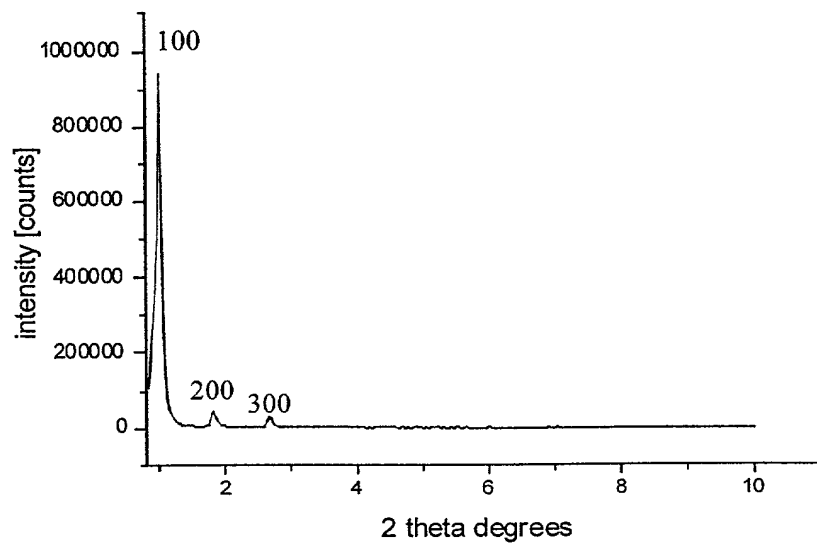


Fig. 7



10002958.11401

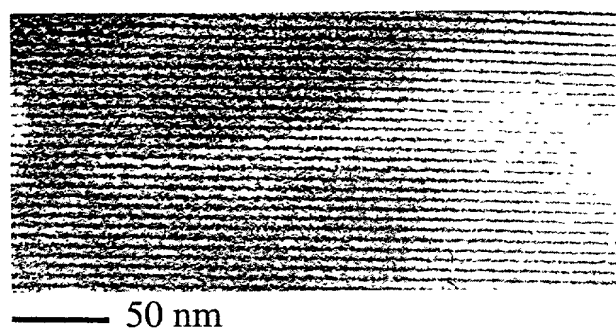
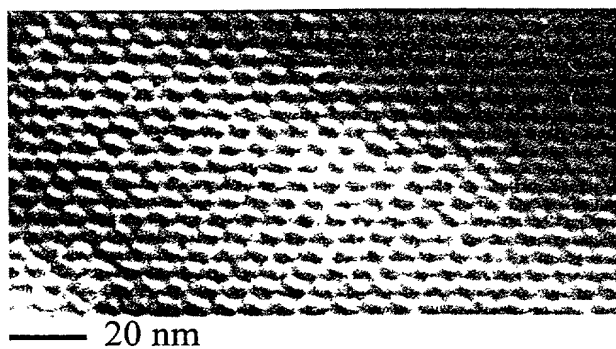


Figure 8

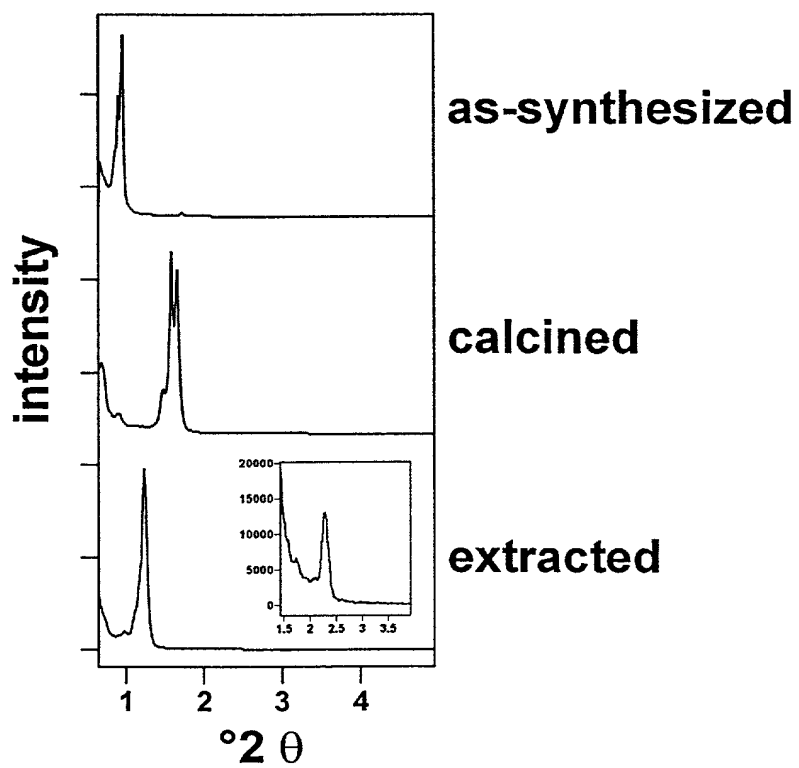


Fig. 9

10002999.11401

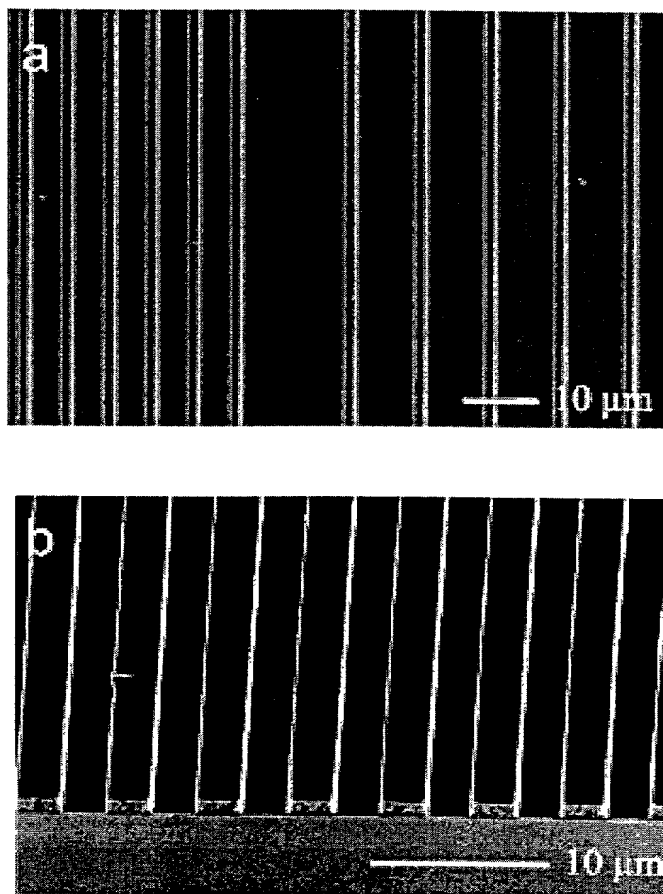


Fig.10

1000000 8862000

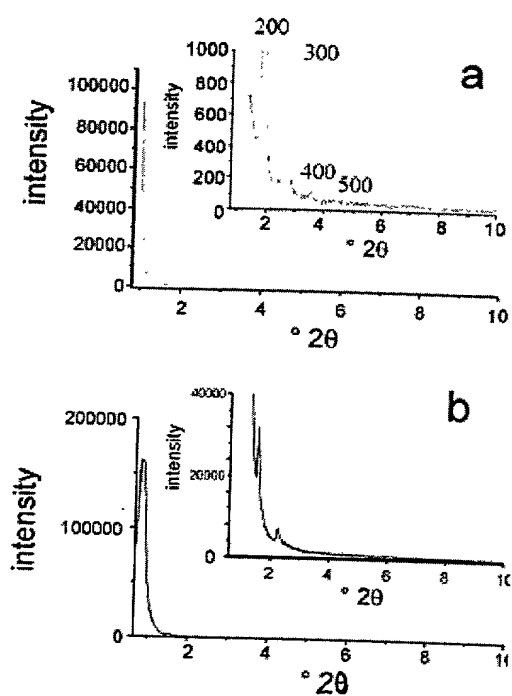
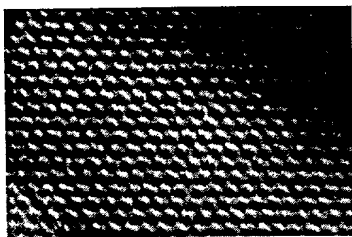
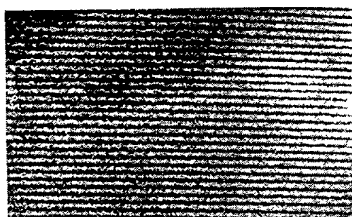


Fig. 11

A

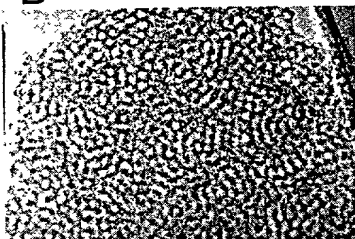


— 20

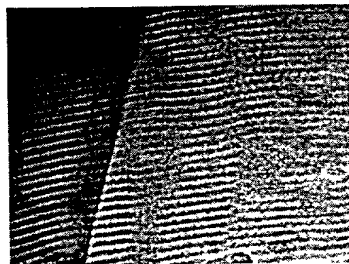


— 50

B



— 50



— 50

Fig. 12

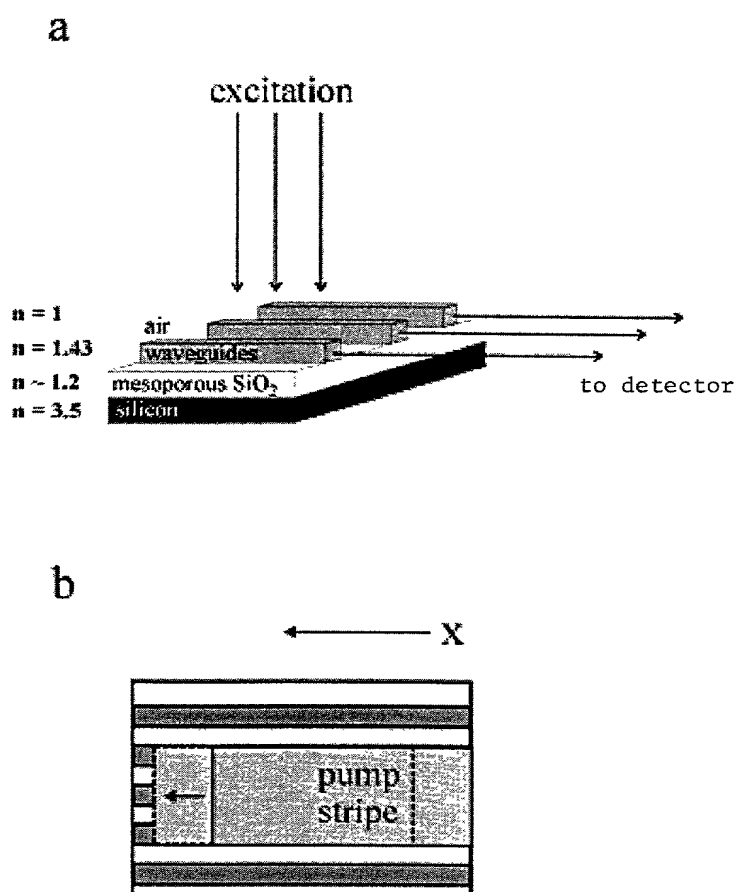


Fig.13

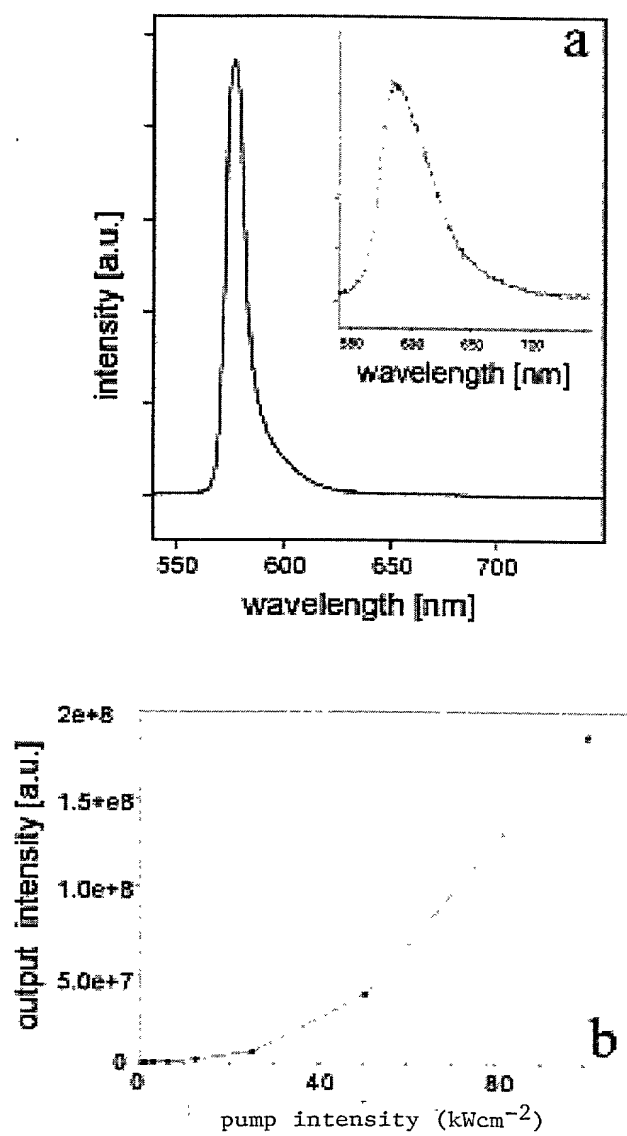


Fig. 14

104477-89620001

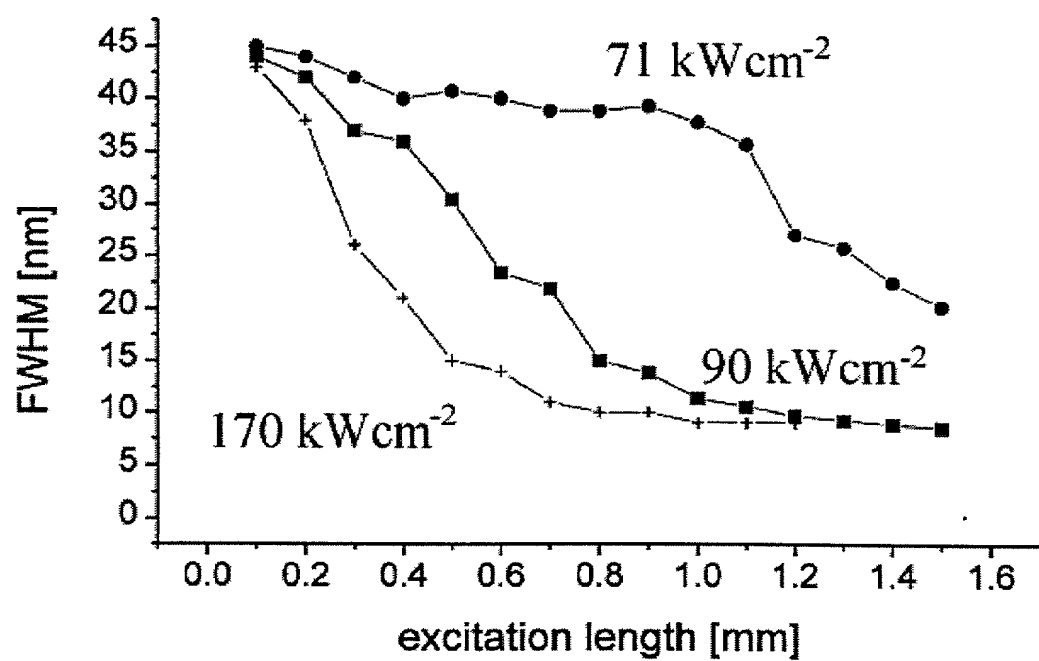


Fig. 15



total count

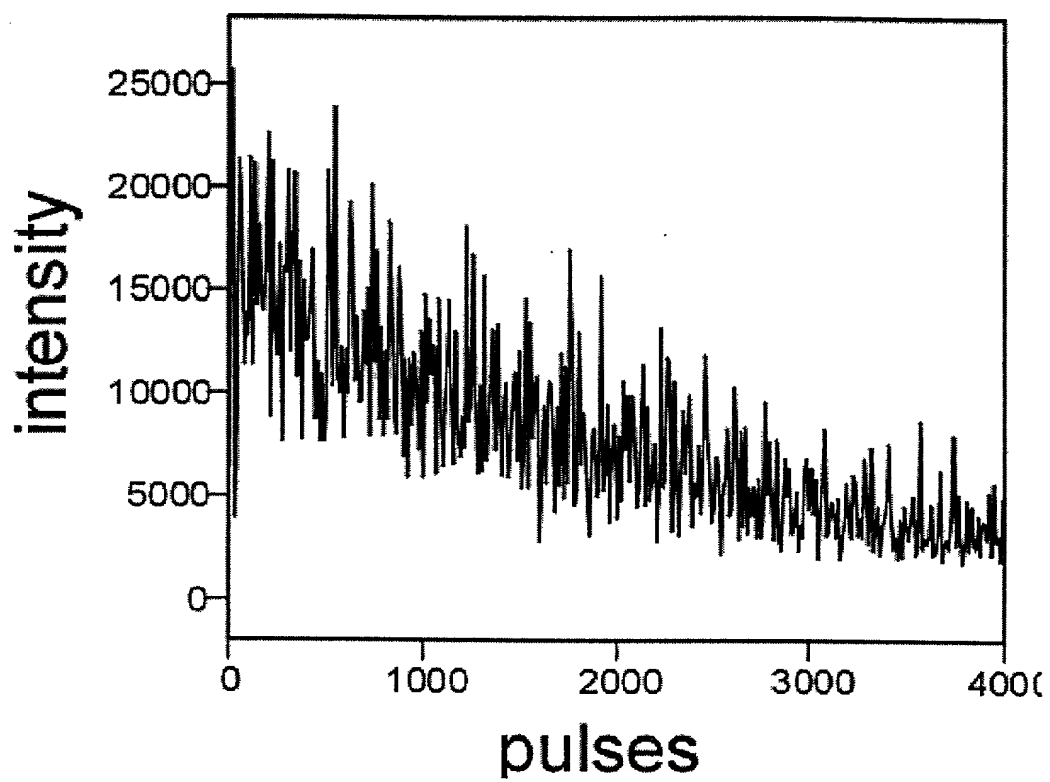


Fig. 16

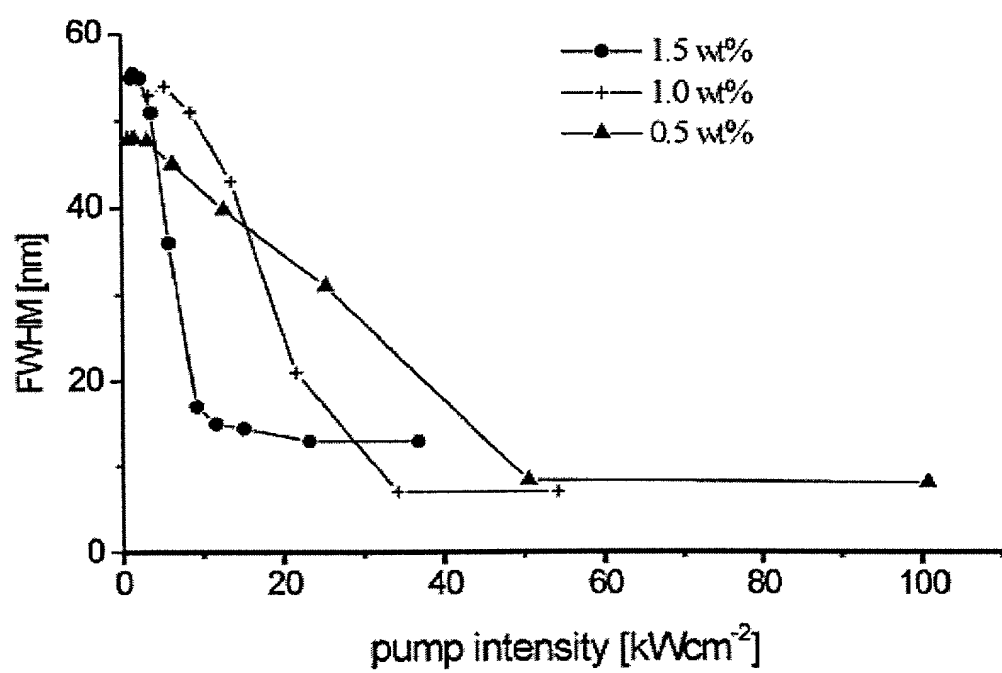


Fig. 17